

InventionShare announces a FirstNet emergency response 5by5 Wireless Infrastructure solution suite

Fire Engineering By Staff

December 20, 2015

Greg Waite, CEO of InventionShare, announced a new emergency response 5by5 Wireless infrastructure solution suite for rural and remote regions which will allow for the creation of a [First Responder](#)

Network (FirstNet) in underserved areas of the United States. Calling it a "perfect fit" for FirstNet, Mr. Waite said that 5by5 Wireless can be a major emergency response solution for North America and the world.

In the U.S. the First Responder Network Authority (FirstNet) was created under the Middle Class Tax Relief and Job Creation Act of 2012 (MCTRJCA) as an independent authority within the National Telecommunications and Information Administration (NTIA). The purpose of FirstNet is to establish, operate, and maintain an interoperable public [safety](#) broadband network. To fulfill these objectives, Congress allotted \$7 billion and 20 MHz of valuable radio spectrum to build the network. The construction of the nationwide FirstNet network requires each state to have a Radio Access Network (RAN) that will connect to FirstNet's network core.

5by5 Wireless uses the UHF 90-1000 MHz frequency spectrum. The service can deploy across all current platforms, and supports Public Service broadband network at 700 MHz, throughout the United States. The 5by5 Wireless circuit also can provide full duplex over all spectrum to all wireless communications devices and is platform agnostic, providing a safe, secure and immediate communications support wherever and whenever it is required. 5by5 Wireless also provides 25 times greater wireless internet coverage and economical internet and wireless connectivity over broad-based areas, including rural and remote regions over great distances.

Developed by a team of experienced [technology](#) entrepreneurs with many years' experience in wireless communications, the full duplex wireless communications system is a 100% hardware solution. It uses one 360 antenna that affords greater data throughput, with wireless coverage up to 25 miles (32 km) - for a total circular coverage area of 1,250 square miles or 3,200 square km from one low cost base station, or mobile antennas - amazing large scale internet coverage for FirstNet support operations.

Mr. Waite said, "Our 5by5 Wireless infrastructure solution gives vendors the opportunity to bundle, license or partner with 5by5 Wireless to develop proposals for government authorities and to support rural or remote FirstNet area locations currently not being serviced. Our 5by5 Wireless antennas can be attached to existing towers, or we can provide mobile antennas for special needs applications. This permits immediate emergency support services, or expanded services when emergencies occur. We can now offer a solutions to coastal regions, remote regions, rural un-serviced areas or common areas currently without wireless support, providing an affordable, high value solution world-wide."

InventionShare is looking to build relationships with vendors and partner on joint applications, individual infrastructure applications or unique remote and rural applications required to round out and cover un-serviced areas throughout the United States, and world-wide. For more information contact Keith Taylor, Vice President of Partnerships and Licensing at ktaylor@inventionshare.com

InventionShare is currently socializing 5by5 Wireless with government organizations and ISPs, telecommunications companies and interested parties in the U.S. Canada, the Caribbean, the UAE, Africa, India and New Zealand.

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